

## ABSTRACT

A motor (100) having a rotation shaft extending in a horizontal direction and efficiently cooling a stator portion includes a cooling oil inlet (130) provided in a lower  
5 portion of the motor (100) in order to introduce the cooling oil supplied from an oil pump (160) through a supply pipe (162), a coil end cover (102) for immersing a stator coil (104) in the cooling oil, a cooling oil discharge outlet (140) provided in an upper portion of the motor (100) in order to discharge the cooling oil from the motor (100), and a discharge pipe (164) connected to the cooling oil discharge outlet (140) for  
10 discharging the cooling oil to an oil pan (170).